Message

From: Harrington, Jim (DEC) [jim.harrington@dec.ny.gov]
Sent: 7/13/2015 1:33:22 PM
To: Stan Carey [scarey@massapequawater.com]; Mike Boufis [mboufis@bethpagewater.com]; pgranger@h2m.com [Pgranger@h2m.com]; Garbarini, Doug [Garbarini.Doug@epa.gov]; Gary E. Loesch [gloesch@h2m.com]; 'Rich Humann' [rhumann@h2m.com]; Mannino, Pietro [Mannino.Pietro@epa.gov]; fkoch@sfwater.com
CC: Schick, Robert (DEC) [robert.schick@dec.ny.gov]; Ryan, Michael (DEC) [michael.ryan@dec.ny.gov]; Swartwout, John (DEC) [john.swartwout@dec.ny.gov]; Scharf, Steven (DEC) [steven.scharf@dec.ny.gov]; Evans, Daniel (DEC) [daniel.evans@dec.ny.gov]; Wilkie, Henry (DEC) [henry.wilkie@dec.ny.gov]; Papura, Thomas R (DEC) [thomas.papura@dec.ny.gov]; Rice, Timothy B (DEC) [timothy.rice@dec.ny.gov]
Subject: RE: Radium sampling in the vicinity of the Grumman Plume

We only received comments from Navy and Rich Humann (for MWD ?). We need to finalize the list this week. If anyone has comments, please contact me by Wed July 15, 2015. Thanks Jim H

James B Harrington, PE
Director, Remedial Bureau A
Division of Environmental Remediation
518 -402-9624

Please note my new email address
Jim.Harrington@dec.ny.gov

From: Harrington, Jim (DEC)
Sent: Wednesday, June 24, 2015 3:20 PM
To: 'Stan Carey'; Mike Boufis; pgranger@h2m.com; Garbarini, Doug; Gary E. Loesch; 'Rich Humann'; Mannino, Pietro; 'fkoch@sfwater.com'
Cc: Schick, Robert (DEC); Ryan, Michael (DEC); Swartwout, John (DEC) (john.swartwout@dec.ny.gov); Scharf, Steven (DEC) (steven.scharf@dec.ny.gov); Evans, Daniel (DEC) (daniel.evans@dec.ny.gov); Wilkie, Henry (DEC) (henry.wilkie@dec.ny.gov); Papura, Thomas R (DEC) (thomas.papura@dec.ny.gov); Rice, Timothy B (DEC) (timothy.rice@dec.ny.gov)
Subject: Radium sampling in the vicinity of the Grumman Plume

As discussed at Monday's quarterly meeting, DEC is proposing to undertake a comprehensive sampling of radium and other related compounds upgradient, around and within the Grumman plume. Isotopic analytical methods will be employed rather than gross alpha and gross beta as they are considered screening methods. Shown below are the specific analytical methods. Attached is a proposed list of wells to be sampled. Please take a look at the list of wells and identify any that are problematic (due to dedicated sampling pumps, availability etc). If you are recommending that a particular well not be sampled, please suggest an alternative. If you are the owner of the well and would prefer to perform the sampling yourself, this is acceptable but DEC will need to be present and will take possession of the sample for analysis. Samples will be sent to our laboratory contactor, Pace Analytical Services for analysis. Split samples will be provided to whoever wants them but you must supply your own sample container (1 gallon). For wells that are owned by NG or Navy, existing oversight agreements provide access. We will have to secure access agreements for the others. We hope to conduct this sampling sometime this summer. If you have comments on either the approach or the proposed wells, please send them to me by July 15, 2015. Thanks Jim H

Analytical Methods

- Isotopic Uranium : DOE HASL-300 U-02 RL = 0.5 pCi/L
- Isotopic Thorium : DOE HASL-300 Th-01 RL = 0.5 pCi/L

- Radium-226 : EPA Method 903.1 RL = 1.0 pCi/L
- Radium-228: EPA Method 904.0 RL = 1.0 pCi/L

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